

Title (en)
METHOD, SYSTEM, AND NODE DEVICE FOR ESTABLISHING RECOVERY PATH

Title (de)
VERFAHREN, SYSTEM UND KNOTENVORRICHTUNG ZUM AUFBAUEN EINES WIEDERHERSTELLUNGSPFADES

Title (fr)
PROCÉDÉ, SYSTÈME, ET DISPOSITIF DE NOEUD DESTINÉS À ÉTABLIR UN TRAJET DE RÉCUPÉRATION

Publication
EP 2779530 B1 20170426 (EN)

Application
EP 12879394 A 20120620

Priority
CN 2012077206 W 20120620

Abstract (en)
[origin: EP2779530A1] The present invention relates to the field of network communications and specifically discloses a method for establishing a restoration path. The method includes: obtaining, by a first node, a working forward-shared node set of a restoration path according to route information of the restoration path and a working path of a service; determining, by the first node according to the working forward-shared node set, whether the first node is a working forward-shared node, and allocating a first label and a first interface; sending, by the first node, an establishment request message to a first downstream neighboring node, where the establishment request message includes at least the first label, the first interface, the route information of the restoration path, and working forward-shared node information; receiving, by the first node, an establishment response message of the restoration path, where the establishment response message includes at least a fourth label, a fourth interface, and the route information of the restoration path; and establishing, by the first node, a cross-connection of the restoration path according to the first label, the first interface, the fourth label, and the fourth interface. Embodiments of the present invention further disclose a system and a node device for establishing a restoration path.

IPC 8 full level
H04L 12/24 (2006.01); **H04L 12/701** (2013.01); **H04L 12/703** (2013.01); **H04L 12/707** (2013.01); **H04L 12/723** (2013.01); **H04L 45/24** (2022.01); **H04L 45/28** (2022.01); **H04L 45/50** (2022.01)

CPC (source: EP RU)
H04L 41/0668 (2013.01 - EP RU); **H04L 45/22** (2013.01 - EP RU); **H04L 45/28** (2013.01 - EP RU); **H04L 45/50** (2013.01 - EP); **H04L 45/50** (2013.01 - RU)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2779530 A1 20140917; **EP 2779530 A4 20150603**; **EP 2779530 B1 20170426**; CN 102870431 A 20130109; CN 102870431 B 20150909; ES 2627937 T3 20170801; RU 2581780 C1 20160420; WO 2013189041 A1 20131227

DOCDB simple family (application)
EP 12879394 A 20120620; CN 2012077206 W 20120620; CN 201280000572 A 20120620; ES 12879394 T 20120620; RU 2014144312 A 20120620